

MICROBIOCIDAL AND PESTICIDAL AROMATIC ALDEHYDES

ABSTRACT OF THE DISCLOSURE

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Methods and compositions based upon natural compounds, including balsam, cinnamic aldehyde, α -hexyl cinnamic aldehyde, and coniferyl aldehyde are provided, which find use as pesticides. The compositions are effective against pathogenic fungi, arachnids and insects at concentrations which are not phytotoxic to the treated host plant. Infestations of a variety of plant parts can be treated, including those of leaves, seeds, seedlings, fruit, flowers and roots. Susceptible organisms include rust, powdery mildew, botrytis, phylloxera, aphids, thrips, codling moth, nematodes and leaf hoppers.

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